Confidentiality Requested: Yes No

Recompletion Date

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1217861

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
—	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West

County:

AFFIDAVIT

Recompletion Date

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Permit #:_

	Page Two	1217861
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chow important tang of formations ponetrated	Dotail all coros Boport all fi	inal copies of drill stoms tasts giving interval tasted, time tool

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken		Yes No		.og Formatio	on (Top), Depth and	d Datum	Sample
(Attach Additional She Samples Sent to Geolog	,	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment of	on this well?		Yes	No (If No, skip	o questions 2 an	d 3)
		raulic fracturing treatment ex	ceed 350,000 gallons	? 🗌 Yes 🗌		, question 3)	-

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

Shots Per Foot		PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						ement Squeeze Record d of Material Used)	Depth	
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner F		No	
Date of First, Resumed	I Product	ion, SWD or ENHF	٦.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
			1						1	
DISPOSIT	ON OF (GAS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:
Vented Sole	d	Used on Lease		Open Hole	Perf.	Dually (Submit)	^v Comp. 4 <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Su	ıbmit ACC	D-18.)		Other (Specify)					·	

Yes

No

(If No, fill out Page Three of the ACO-1)

Form	ACO1 - Well Completion			
Operator	DR Construction, Inc.			
Well Name	McCoy 8			
Doc ID	1217861			

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9	7	10	21	Portland	3	50/50 POZ
Completio n	5.6250	2.8750	8	790	Portland	138	50/50 POZ

Franklin County, KS Well:McCoy 8 Lease Owner:TDR

Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400 07/28/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
40	soil/clay	40
28	shale	68
3	lime	74
0	shale	76
3	lime	92
58	shale	100
10	lime	110
4	sand	114
2	shale	116
18	lime	134
19	shale	153
14	sand	167
7	shale	174
20	sandy lime and lime	194
2	shale	196
6	sand	202
2	sandy shale	204
65	shale	269
21	lime	290
25	shale	315
7	lime	322
20	shale	342
1	lime	343
21	shale	364
1	lime	365
15	shale	380
22	lime	402
10	shale	412
23	lime	435
5	shale	440
3	lime	443
5	shale	448
6	lime	454
4	shale	458
121	sandy shale and shale	579
4	sand	583
2	sandy shale	585
47	shale	632
8	lime	6401
9	shale	649

Franklin County, KS Well:McCoy 8 Lease Owner:TDR

Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400 07/28/2014

2	lime	651
9	shale	660
8	lime and shale	668
11	shale	679
3	lime	682
13	shale	695
4	lime and shale	699
2	lime	701
27	shale	728
2	broken sand	730
1	broken sand	731
1	broken sand	732
2	broken sand	734
2	broken sand	736
32	sandy shale	768
34	shale	802
5	broken sand	807
13	sand shale	820 TD
		020110

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D²x.14xh
D equals diameter in feet.
h equals height in feet.

BARRELS PER DAY Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004 BPH - barrels per hour PSI - pounds square inch

TO FIGURE PUMP DRIVES * D - Diameter of Pump Sheave * d - Diameter of Engine Sheave SPM - Strokes per minute RPM - Engine Speed R - Gear Box Ratio *C - Shaft Center Distance

D - RPMxd over SPMxR d - SPMxRxD over RPM SPM - RPMXD over RxD R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) + $\frac{(D-d)^2}{4C}$ * Need these to figure belt length WATTS = AMPS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

1 3

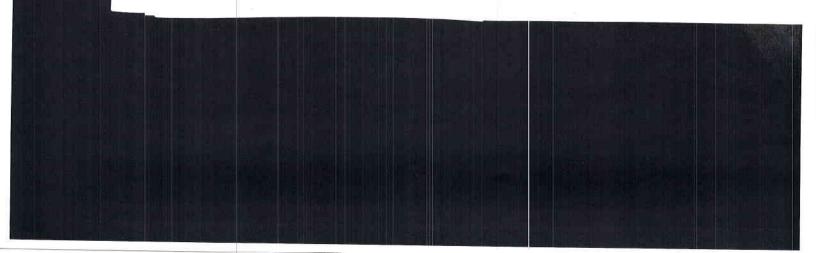
Log Book

Well No	2	
Farm Mca	~ ./	
	r	
(State)	C	(County)
(0.000)		(county)
(Section)	(Township)	(Range)
For Twinte	10	.\

(Well Owner)

Town Oilfield Services, Inc. 1207 N. 1st East

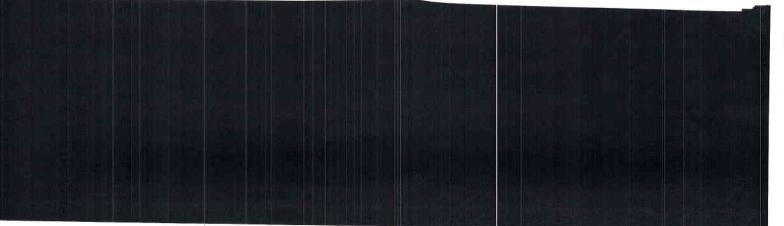
Louisburg, KS 66053 913-710-5400



nc - (· · · ·	
McCay Farm: <u>Crawking</u> County	CA:
Elevation DOST	Feet
	<u> </u>
Commenced Spuding 7-28 20 14	
Finished Drilling <u>7-29</u> , 20 19	~ R
Driller's Name chad Warn	
Driller's Name	
Driller's Name	
Tool Dresser's Name Colc Holcom	
Tool Dresser's Name Tyles Read	
Tool Dresser's Name	
Contractor's Name TOS	· · · · · ·
32 15 21	
(Section) (Township) (Range)	
Distance from line, ft.	
Distance from line,ft,	
7 (3 8 ²)	-
3-5-ctos	
CASING AND TUBING	
RECORD	
10" Set 10" Pulled	
8" Set 8" Pulled	
6%: Set 6¼" Pulled	
4" Set 4" Pulled	
4" Set 4" Pulled 2"% set 700^{-55} 2" Pulled 759^{-05} Budele	-1-
SZOTO	1 =
2000 1 11	

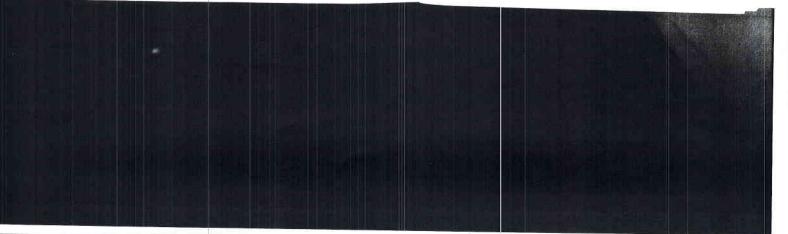
Thickness of Strata	Formation	Total Depth	Demode
40	mollale +	40	Remarks
2.6	shale	68	
6	Lime	24	
2	shale	76	
16	Lime	92	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	shale	100	
10	Lime	110	- Danks
4	sound	114	-
2	shele.	SIL	- ener, no cil
18	Lime	134	
19	shale	153	(red bed 141-142')
14		167	
	shale	474	star to ail.
20 5	and shamed in	0194	
2	shales	196	
6	signal	30.7	ever, no oil
2	sendy thate	204	exert no or
S	chala	269	
-21	Lime	290	
25	shale	315	
	Lime	300	
- 90	Shale	342	
<u>\</u>	Lime	343	
21	chalo	364	
)	Lime	365	
15	shale	3960	
33	<u>-2-</u>	402	

-3-



		400	
Thickness of Strata	Formation	Total Depth	Remarks
10	shale	412	- Nemarks
23	Lime	435	
5	shale	440	a <u>.</u>
3	Lime	4:42	
S	spicile	448	1
C	Lima	454	
Ľ4	chale	458	Hautha
121	send where a she	es Ta	
¥	sand	583	
3	andy chalo	585	ene , no. c. 1
47	Shale	632	
	Lime	040	
9	shale	649	1
2	Lime	451	
્વ	shale	660	
8	Limes she le	668	
<u> </u>	shele	<u></u>	
2	Lime	682	
13	shale	1,95	
4	Limed chalo	<u> </u>	
2	Lime	701	
21	mhale	128	
- 2	Wheeken and	730	
)	Purcha sund	-122	shan, 5% ~ 10% ~ 1
)	Broken and	7.2.2	40% .: 50° look dichs black
2	Broken Lond	1 2:4	60% - 70%.
i d	Binchen Shand	736	29/0- 29/2 0.1
	-4-		-5-

-5-



Thickness of		Total	
Strata	Formation	Depth	Remarks
32	sharey charle	7655	
34	shale	202	
5	Brokensund	807	
13	acudy shelf	820	
	1		2
	¹² · <del>22</del>		
			1
			3
	-6-		-7-

## **Town Oilfield Service**

P.O Box 339 Louisburg, Ks 66053 913-837-8400

Ticket Number	
Location	
Foreman	

## Field Ticket & Treatment Report

### Cement

Date	Customer#	Well Name	& Number	Section	Township	Range	Count
7-29-14	TOR	McCay +	#8	32	15	21	FR
Customer			Mailing Ac	ldress			
			City		State	Zip Code	
ob Type <u>/ow</u>	<u>ç 3trins</u> Hole	Size_5_5/8	_ Hole Depth	820	_ Casing Size &	Weight_2	7/8
	790 Drill Pip						
oisplacement	Displace	ement PSI	Mix PSI		Rate		
count Code	Quantity or I	Jnits De	escription of	Services or	Product	Unit Price	Total

	Description of Services or Produ	ct Unit Price	Total
	Pump Charge		700
	Cement Truck		250
	Water Truck		150
138	Cement	8.5	117
	Gel		111-
	Plug		25
		Sales Tax	
05		Estimated Total	2298
ization Tit	le	Date	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.